

Q1

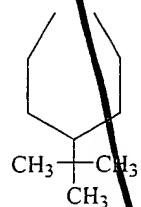
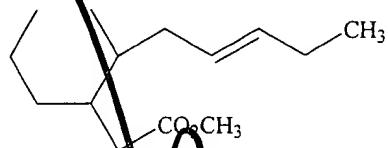
~~R₂ is phenyl substituted with 1 to 3 substituents selected from the group consisting of a halogen, a hydroxyl, a methoxy, a benzyloxy, a phenoxy, a trifluoromethyl, an isopropyl, and a thiomethyl group, naphthyls and substituted naphthyls~~

~~or a pharmaceutically acceptable salt thereof.~~

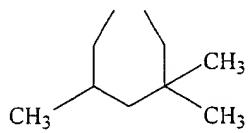
Q2

7. (Amended) The antimycobacterial compound according to claim 21 where R₁,R₂ is
 $(CH_2)_4$, $(CH_2)_6$, 4-C₆H₈NNHCO-4-C₅H₄N.

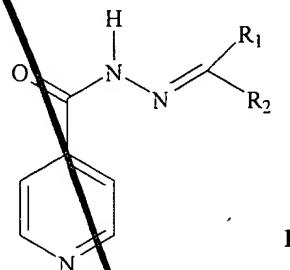
8. (Amended) The antimycobacterial compound according to claim 21 where R₁,R₂ is



or



~~32~~ 17. (Amended) A method for producing an antimycobacterial compound of the formula:



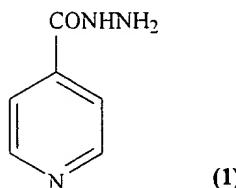
wherein R_1 is H; and

wherein R_2 is phenyl substituted with 1 to 3 substituents selected from the group consisting of a halogen, a hydroxyl, a methoxy, a benzyloxy, a phenoxy, a trifluoromethyl, an isopropyl, and a thiomethyl group, naphthyls and substituted naphthyls or

wherein R_1R_2 = optionally substituted carbocyclic groups;

which comprises:

refluxing



with absolute ethanol to produce a solution;

adding a carbonyl compound comprising the formula of:



B1
Cox

wherein $R_3 = H$ or CH_3 ; and

wherein $R_4 = C_1$ to C_{14} alkyl, C_2 to C_{10} substituted alkyl, C_2 to C_{10} alkenyl, C_2 to C_9 substituted alkenyl, C_2 to C_9 substituted dialkenyl, C_3 to C_7 cycloalkyl, C_3 to C_7 substituted cycloalkyl, phenyl, substituted phenyl, C_7 to C_{16} phenylalkyl, C_7 to C_{16} substituted phenylalkyl, benzyl, substituted benzyl, naphthyl, substituted naphthyl, heterocycle, substituted heterocycle, halo, hydroxy, amino, or carboxy; or

AB
MKT

wherein $R_3R_4 = C_4$ to C_8 cycloalkyl or C_4 to C_{10} substituted cycloalkyl;

to the solution to produce a reaction mixture;

distilling the reaction mixture;

adding diethyl ether to the reaction mixture;

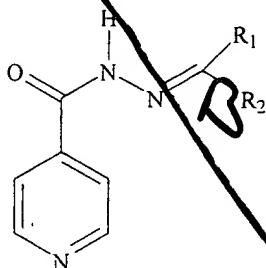
filtering the reaction mixture; and

drying the filtrate to produce I.

at

Please add the following claims:

21. (New) An antimycobacterial compound of the formula:

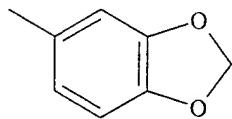
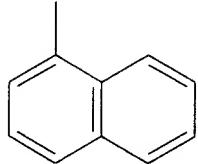


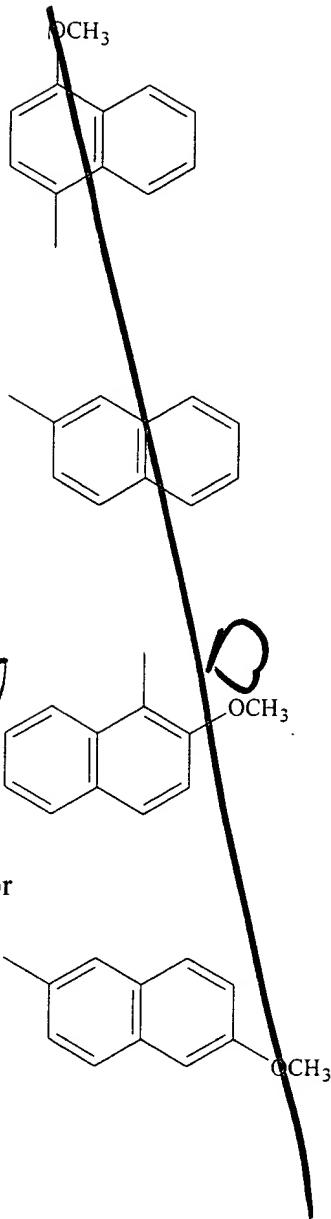
wherein R_1, R_2 is optionally substituted carbocyclic groups or a pharmaceutically acceptable salt thereof.

~~22.~~ (New) The antimycobacterial compound according to claim 1 wherein R₁ is H; and
R₂ = 4-*iso*-C₃H₇C₆H₄, 2,5-di(Cl)C₆H₃, 2,3,5-tri(F)C₆H₂, 2-F-4-CF₃C₆H₃, 3,4,5-tri(F)C₆H₂, 2-Cl-6-CH₃O-*iso*-C₉H₄N, 2-F-3-Cl-6-CF₃C₆H₂, 2,4-di(CF₃)C₆H₃, 2,6-di(F)-3-Cl-C₆H₂, 2-F-3-Cl-5-CF₃-C₆H₂, 2-F-5-Br-C₆H₃, 2-CH₃S-C₆H₄, 2-O-C₇H₇C₆H₄, 3-O-C₇H₇C₆H₄, 4-O-C₇H₇C₆H₄, 2,4,5-tri(F)C₆H₂, 2-F-5-I-C₆H₃, 2,3,4-tri(OH)C₆H₂, 4-C₆H₄-CH=NNHCO-4-C₅H₄N, 4-C₆H₄-O-CH₂CH₂CH₂CH₃, 4-C₆H₄NO₂, 2-C₆H₄OH, 4-OH-3-OCH₃C₆H₃, 4-C₆H₄OCH₃, 3-C₆H₄OCH₃, 4-C₆H₄F, 3,5-di(CH₃)-4-O-C₇H₇, 2-F-4-OCH₃C₆H₃, 2-ClC₆H₄, 4-BrC₆H₄, 3-C₆H₄NO₂, 4-C₆H₄O(CH₂)₅CH₃, 2-Cl-5-NO₂C₆H₃, 4-Cl-3-NO₂C₆H₃, 2-C₆H₄NO₂, 2-6-di(Cl)C₆H₃, 2,3-di(Cl)C₆H₃, 3,4-di(F)C₆H₃, 2,6-di(F)C₆H₃, 3,4-di(Cl)C₆H₃ or 4-C₆H₄Cl.

~~23.~~ (New) The antimycobacterial compound according to claim 1 wherein R₁ is H;
and

R₂ =





REMARKS

The Office Action dated January 29, 2002 has been received and carefully considered.

The interview with the Examiner on April 24, 2002 is acknowledged and appreciated. It is believed the Examiner Interview Summary Record sets forth the substance of the interview.